



California State Fire Marshal  
National Fire Incident Reporting System

Data as of: 03/19/2007 10:30:38AM

FDID Range:

0 to No Upper Bound

Incident Date Range:

01/01/2004 to 12/31/2004

Heat Source:

0 to No Upper Bound

Cause of Ignition:

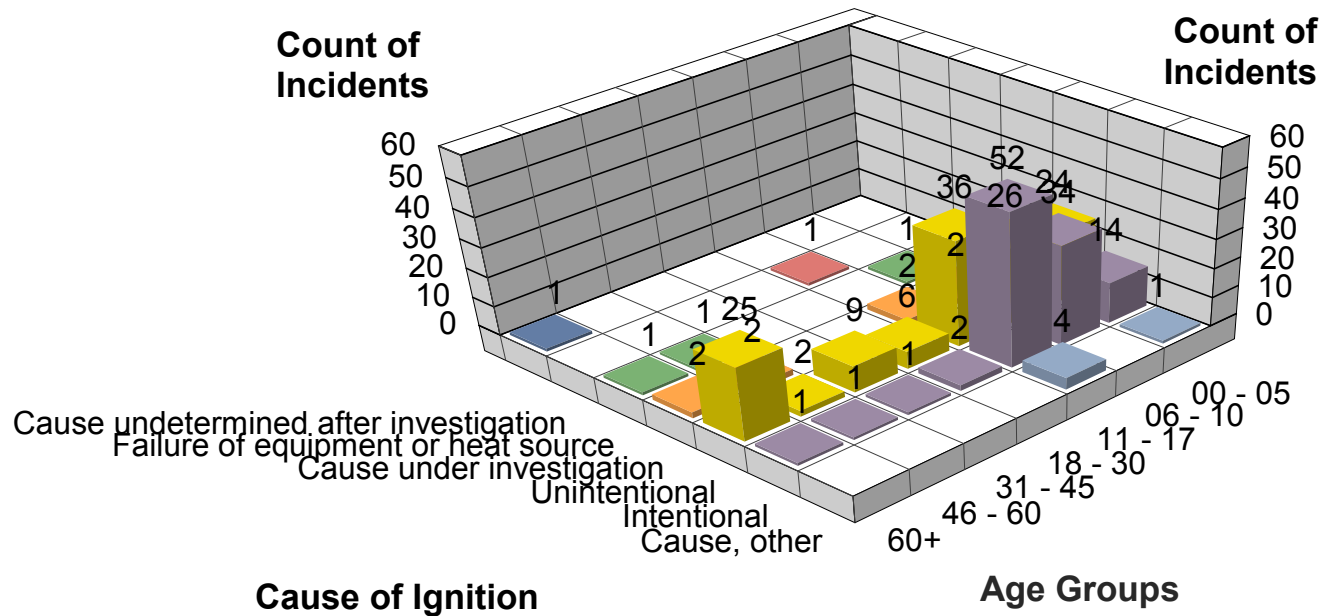
0 to No Upper Bound

Incident Type:

100 to 199

Fires By Age Groups Involved In Ignition, 2004

## Count of Incidents / Cause Of Ignition & Age Groups





California State Fire Marshal  
National Fire Incident Reporting System

Data as of: 03/19/2007 10:31:02AM

FDID Range:  
0 to No Upper Bound

Incident Date Range:  
01/01/2004 to 12/31/2004

Heat Source:  
0 to No Upper Bound

Cause of Ignition:  
0 to No Upper Bound

Incident Type:  
100 to 199

Fires By Age Groups Involved In Ignition, 2004

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
00 - 05									
Cause, other									
	Hot or smoldering object, other		1	\$25,000	\$5,000	0	0	0	0
	<b>Cause, other Subtotal</b>		<b>1</b>	<b>\$25,000</b>	<b>\$5,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
Intentional									
	Hot or smoldering object, other		1	\$0	\$0	0	0	0	0
	Heat from other open flame or smoking materials		1	\$120,000	\$25,000	0	0	0	0
	Heat from undetermined smoking material		1	\$100	\$600	0	0	0	0
	Match		2	\$0	\$150	0	0	0	0
	Cigarette lighter		8	\$174,500	\$54,100	0	0	2	0
	Undetermined		1	\$1,000	\$0	0	0	0	0
	<b>Intentional Subtotal</b>		<b>14</b>	<b>\$295,600</b>	<b>\$79,850</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
Unintentional									
	Heat source: other		4	\$3,100	\$3,505	0	0	0	0
	Spark, ember or flame from operating equipment		2	\$0	\$800	0	0	0	0
	Radiated, conducted heat from operating equipment		4	\$810	\$500	0	0	1	0
	Hot or smoldering object, other		1	\$1,000	\$100	0	0	0	0
	Hot ember or ash		1	\$0	\$0	0	0	0	0
	Match		1	\$0	\$0	0	0	0	0
	Cigarette lighter		6	\$6,900	\$8,550	0	0	1	0

## Fires By Age Groups Involved In Ignition, 2004

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>00 - 05</b>									
		Candle	4	\$221,200	\$10,300	0	0	0	0
		Undetermined	1	\$0	\$0	0	0	0	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>24</b>	<b>\$233,010</b>	<b>\$23,755</b>	<b>0</b>	<b>0</b>	<b>2</b>	<b>0</b>
	<b>Age Group</b>	<b>Total</b>	<b>39</b>	<b>\$553,610</b>	<b>\$108,605</b>	<b>0</b>	<b>0</b>	<b>4</b>	<b>0</b>
<b>06 - 10</b>									
<b>Intentional</b>									
		Spark, ember or flame from operating equipment	1	\$100	\$100	0	0	0	0
		Fireworks	1	\$10	\$0	0	0	0	0
		Incendiary device	1	\$0	\$0	0	0	0	0
		Heat from other open flame or smoking materials	2	\$3,000	\$500	0	0	0	0
		Match	15	\$70,150	\$25,015	0	0	2	0
		Cigarette lighter	12	\$90,400	\$24,970	0	0	1	0
		Undetermined	2	\$0	\$0	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>34</b>	<b>\$163,660</b>	<b>\$50,585</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>0</b>
<b>Unintentional</b>									
		Heat source: other	2	\$10,000	\$15,000	0	0	0	0
		Heat from powered equipment, other	1	\$35,000	\$10,000	0	0	0	0
		Spark, ember or flame from operating equipment	1	\$0	\$500	0	0	0	0
		Radiated, conducted heat from operating equipment	1	\$950	\$50	0	0	0	0
		Hot or smoldering object, other	1	\$5,000	\$3,000	0	0	0	0
		Heat, spark from friction	1	\$200	\$0	0	0	0	0
		Hot ember or ash	1	\$1,000	\$500	0	0	0	0
		Fireworks	2	\$0	\$200	0	0	0	0
		Heat from other open flame or smoking materials	1	\$60	\$0	1	0	0	0
		Match	6	\$446,000	\$138,300	0	0	0	0
		Cigarette lighter	7	\$17,000	\$9,500	0	0	0	0
		Candle	2	\$83,000	\$23,000	0	0	0	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>26</b>	<b>\$598,210</b>	<b>\$200,050</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>Failure of equipment or heat source</b>									
		Heat source: other	1	\$1,000	\$0	0	0	0	0
	<b>Failure of equipment or heat source</b>	<b>Subtotal</b>	<b>1</b>	<b>\$1,000</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

## Fires By Age Groups Involved In Ignition, 2004

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>06 - 10</b>									
	<b>Cause under investigation</b>								
		Fireworks	1	\$0	\$0	0	0	0	0
		Match	1	\$0	\$0	0	0	0	0
	<b>Cause under investigation</b>	<b>Subtotal</b>	<b>2</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Age Group</b>	<b>Total</b>	<b>63</b>	<b>\$762,870</b>	<b>\$250,635</b>	<b>1</b>	<b>0</b>	<b>3</b>	<b>0</b>
<b>11 - 17</b>									
	<b>Cause, other</b>								
		Match	1	\$0	\$0	0	0	0	0
		Candle	1	\$90,000	\$50,000	0	0	0	0
		Flame/torch used for lighting	1	\$10,000	\$40,000	0	0	0	0
		Undetermined	1	\$0	\$0	0	0	0	0
	<b>Cause, other</b>	<b>Subtotal</b>	<b>4</b>	<b>\$100,000</b>	<b>\$90,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Intentional</b>								
		Spark, ember or flame from operating equipment	1	\$0	\$0	0	0	0	0
		Heat, spark from friction	1	\$0	\$0	0	0	0	0
		Hot ember or ash	1	\$0	\$0	0	0	0	0
		Fireworks	1	\$0	\$0	0	0	0	0
		Incendiary device	2	\$0	\$50	0	0	0	0
		Heat from other open flame or smoking materials	1	\$0	\$0	0	0	0	0
		Match	13	\$18,551	\$5,300	0	0	1	0
		Cigarette lighter	23	\$1,225	\$40	0	0	0	0
		Candle	1	\$200	\$0	0	0	0	0
		Flame/torch used for lighting	3	\$5,000	\$5,000	0	0	0	0
		Undetermined	5	\$0	\$300	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>52</b>	<b>\$24,976</b>	<b>\$10,690</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>0</b>
	<b>Unintentional</b>								
		Heat from powered equipment, other	2	\$500	\$0	0	0	0	0
		Radiated, conducted heat from operating equipment	3	\$90,000	\$45,000	0	0	0	0
		Hot or smoldering object, other	4	\$60,300	\$30,000	0	0	0	0
		Heat, spark from friction	1	\$0	\$0	0	0	0	0
		Hot ember or ash	2	\$0	\$0	0	0	0	0
		Explosive, fireworks, other	1	\$10,000	\$0	0	0	0	0

## Fires By Age Groups Involved In Ignition, 2004

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>11 - 17</b>									
	Fireworks		6	\$200	\$0	0	0	0	0
	Incendiary device		1	\$0	\$0	0	0	0	0
	Heat from other open flame or smoking materials		2	\$25	\$0	0	0	0	0
	Match		4	\$500	\$500	0	0	0	0
	Cigarette lighter		6	\$196,000	\$83,500	0	0	0	0
	Candle		3	\$79,000	\$26,400	1	0	0	0
	Undetermined		1	\$0	\$0	0	0	0	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>36</b>	<b>\$436,525</b>	<b>\$185,400</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Cause under investigation</b>								
	Undetermined		2	\$2,000	\$200	0	0	0	0
	<b>Cause under investigation</b>	<b>Subtotal</b>	<b>2</b>	<b>\$2,000</b>	<b>\$200</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Cause undetermined after investigation</b>								
	Undetermined		1	\$0	\$0	0	0	0	0
	<b>Cause undetermined after investigation</b>	<b>Subtotal</b>	<b>1</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Age Group</b>	<b>Total</b>	<b>95</b>	<b>\$563,501</b>	<b>\$286,290</b>	<b>1</b>	<b>0</b>	<b>1</b>	<b>0</b>
<b>18 - 30</b>									
	<b>Intentional</b>								
	Heat source: other		1	\$1,000	\$1,000	0	0	0	0
	Cigarette lighter		1	\$0	\$0	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>2</b>	<b>\$1,000</b>	<b>\$1,000</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Unintentional</b>								
	Spark, ember or flame from operating equipment		1	\$0	\$0	0	0	0	0
	Radiated, conducted heat from operating equipment		1	\$2,000	\$500	0	0	0	0
	Hot or smoldering object, other		1	\$1,500	\$400	0	0	0	0
	Hot ember or ash		2	\$0	\$0	0	0	0	0
	Cigarette		1	\$0	\$0	0	0	0	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>6</b>	<b>\$3,500</b>	<b>\$900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Age Group</b>	<b>Total</b>	<b>8</b>	<b>\$4,500</b>	<b>\$1,900</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
<b>31 - 45</b>									
	<b>Intentional</b>								
	Undetermined		1	\$1,000	\$0	0	0	0	0

## Fires By Age Groups Involved In Ignition, 2004

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>31 - 45</b>									
	Intentional	Subtotal	1	\$1,000	\$0	0	0	0	0
	<b>Unintentional</b>								
		Heat source: other	1	\$2,000	\$2,000	0	0	0	0
		Spark, ember or flame from operating equipment	1	\$7,000	\$2,000	0	0	0	0
		Arcing	2	\$0	\$0	0	0	0	0
		Hot ember or ash	2	\$0	\$0	0	0	0	0
		Candle	2	\$55,000	\$35,000	0	0	0	0
		Undetermined	1	\$0	\$0	0	0	0	0
	Unintentional	Subtotal	9	\$64,000	\$39,000	0	0	0	0
	Age Group	Total	10	\$65,000	\$39,000	0	0	0	0
<b>46 - 60</b>									
	<b>Intentional</b>								
		Flame/torch used for lighting	1	\$0	\$0	0	0	0	0
	Intentional	Subtotal	1	\$0	\$0	0	0	0	0
	<b>Unintentional</b>								
		Hot ember or ash	1	\$1,200	\$0	0	0	0	0
		Heat from other open flame or smoking materials	1	\$0	\$150	0	0	0	0
	Unintentional	Subtotal	2	\$1,200	\$150	0	0	0	0
	<b>Failure of equipment or heat source</b>								
		Arcing	1	\$28,000	\$0	0	0	0	0
	Failure of equipment or heat source	Subtotal	1	\$28,000	\$0	0	0	0	0
	<b>Cause under investigation</b>								
		Undetermined	2	\$70,000	\$4,000	0	0	0	1
	Cause under investigation	Subtotal	2	\$70,000	\$4,000	0	0	0	1
	Age Group	Total	6	\$99,200	\$4,150	0	0	0	1
<b>60+</b>									
		Heat from other open flame or smoking materials	1	\$40,000	\$20,000	0	0	0	1
		Subtotal	1	\$40,000	\$20,000	0	0	0	1
	<b>Intentional</b>								

## Fires By Age Groups Involved In Ignition, 2004

<u>Age Group</u>	<u>Cause Of Ignition</u>	<u>Heat Source</u>	<u>Incident Count</u>	<u>Property Losses</u>	<u>Contents Losses</u>	<u>Fire Service Injuries</u>	<u>Fire Service Deaths</u>	<u>Civilian Injuries</u>	<u>Civilian Deaths</u>
<b>60+</b>									
	Match		1	\$0	\$0	0	0	0	0
	<b>Intentional</b>	<b>Subtotal</b>	<b>1</b>	<b>\$0</b>	<b>\$0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Unintentional</b>								
	Heat source: other		5	\$9,300	\$5,200	0	0	1	0
	Heat from powered equipment, other		3	\$400	\$451	0	0	0	0
	Spark, ember or flame from operating equipment		3	\$68,000	\$22,000	0	0	1	0
	Radiated, conducted heat from operating equipment		4	\$0	\$105	0	0	1	0
	Hot or smoldering object, other		2	\$10,100	\$10,100	0	0	0	0
	Hot ember or ash		2	\$300	\$300	0	0	0	0
	Heat from other open flame or smoking materials		1	\$1,000	\$0	0	0	0	0
	Cigarette		2	\$35,000	\$0	0	0	0	0
	Pipe or cigar		1	\$2,500	\$250	0	0	0	0
	Heat from undetermined smoking material		1	\$0	\$0	0	0	0	1
	Undetermined		1	\$50,000	\$8,000	1	0	1	0
	<b>Unintentional</b>	<b>Subtotal</b>	<b>25</b>	<b>\$176,600</b>	<b>\$46,406</b>	<b>1</b>	<b>0</b>	<b>4</b>	<b>1</b>
	<b>Failure of equipment or heat source</b>								
	Radiated, conducted heat from operating equipment		1	\$0	\$100	0	0	0	0
	<b>Failure of equipment or heat source</b>	<b>Subtotal</b>	<b>1</b>	<b>\$0</b>	<b>\$100</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>
	<b>Cause under investigation</b>								
	Hot or smoldering object, other		1	\$2,000	\$1,000	0	0	0	1
	Undetermined		1	\$97,000	\$50,000	0	0	1	0
	<b>Cause under investigation</b>	<b>Subtotal</b>	<b>2</b>	<b>\$99,000</b>	<b>\$51,000</b>	<b>0</b>	<b>0</b>	<b>1</b>	<b>1</b>
	<b>Age Group</b>	<b>Total</b>	<b>30</b>	<b>\$315,600</b>	<b>\$117,506</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>3</b>
	<b>Grand Total</b>		<b>251</b>	<b>\$2,364,281</b>	<b>\$808,086</b>	<b>3</b>	<b>0</b>	<b>13</b>	<b>4</b>

The data contained in this report comes from the State Fire Marshal's California All Incident Reporting System (CAIRS) data warehouse. Property and contents loss figures, if included herein, are estimates only. These emergency incident statistics, including injury and death counts, are based only upon information submitted to the State Fire Marshal by participating California fire departments. Please note that apparent variations in incident counts and associated losses shown in this report may be solely due to fluctuations in the amount of data submitted to the State Fire Marshal. And while the incoming data is validated according to logical data rules, individual data elements are not always verified for accuracy.

## Fires By Age Groups Involved In Ignition, 2004

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### Parameters:

Cause of Ignition: 0 to No Upper Bound

FDID Range: 0 to No Upper Bound

Heat Source: 0 to No Upper Bound

Incident Date Range: 01/01/2004 to 12/31/2004

Incident Type: 100 to 199

### Selection Criteria :

```
if {@gender} <> '0' then
{IN_FIRE.FR_SEXOFPERSON}={@Gender} and
{IN_FIRE.FR_AGEOFPERSON}>0 and
{INCIDENTKEY.FDID}= {?FDIDrange} and
{INCIDENTKEY.IN_STATUS}='V' and
{INCIDENTKEY.IN_DATE}={?IncidentDateRange} and
{IN_BASIC.IN_TYPE}={?IncidentType} and
{IN_FIRE.FR_CAUSEOFIGNITION}={?CauseOfIgnition} and
{IN_FIRE.FR_HEATSOURCE}={?HeatSource} and
{IN_FIRE.FR_HEATSOURCE}<>' ' and
{IN_BASIC.IN_TYPE}<> ' ' and
{IN_FIRE.FR_CAUSEOFIGNITION}<> ' ' else
```

```
{INCIDENTKEY.FDID}= {?FDIDrange} and
{INCIDENTKEY.IN_STATUS}='V' and
{IN_FIRE.FR_AGEOFPERSON}>0 and
{INCIDENTKEY.IN_DATE}={?IncidentDateRange} and
{IN_BASIC.IN_TYPE}={?IncidentType} and
{IN_FIRE.FR_CAUSEOFIGNITION}={?CauseOfIgnition} and
{IN_FIRE.FR_HEATSOURCE}={?HeatSource} and
{IN_FIRE.FR_HEATSOURCE}<>' ' and
{IN_FIRE.FR_CAUSEOFIGNITION}<> ' ' and
{IN_BASIC.IN_TYPE}<> ' '
```